



**Ebbw Vale Urban District Council**

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# **REPORTS**

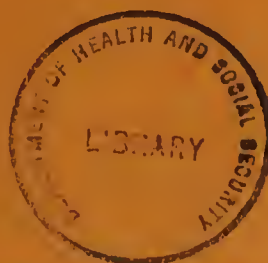
*of the*

**MEDICAL OFFICER OF HEALTH**

*and*

**CHIEF PUBLIC HEALTH INSPECTOR**

*for the Year 1967*







Ebbw Vale Urban District Council

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# REPORTS

OF THE

MEDICAL OFFICER OF HEALTH

AND

CHIEF PUBLIC HEALTH INSPECTOR

For the Year 1967

Health & Housing Department,  
Municipal Offices,  
Civic Centre,  
EBBW VALE,  
Monmouthshire.  
NP3 6XB.

Telephone No. Ebbw Vale 3401.

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# **EBBW VALE URBAN DISTRICT COUNCIL**

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Chairman of the Council — Councillor N. J. Morgan, J.P.

Vice-Chairman — Councillor E. G. Winterson

## **Members of the Council:**

|                                |                              |
|--------------------------------|------------------------------|
| Councillor F. E. Bird          | Councillor L. K. Jenkins     |
| Councillor A. J. Bull          | Councillor E. Luff           |
| Councillor R. Davies, B.A.     | Councillor C. Mitchell       |
| Councillor J. E. Davies        | Councillor R. F. Morgan      |
| Councillor D. R. Evans, J.P.   | Councillor D. F. Parfitt     |
| Councillor J. L. Evans         | Councillor A. J. Rees        |
| Councillor Mrs. B. Goldsworthy | Councillor H. R. Rosser      |
| Councillor C. P. Haley         | Councillor C. W. Phillips    |
| Councillor W. D. R. Herbert    | Councillor E. L. Williams    |
| Councillor C. Jenkins          | Councillor W. J. R. Williams |

## **Clerk of the Council:**

H. J. Williams Esq., Solicitor

## **Architect:**

J. L. Thomas, Esq., L.R.I.B.A., F.R.I.C.S., A.M.I.Mun.E., M.R.S.H.

## **Engineer and Surveyor:**

J. M. Davies Esq., B.Sc., A.M.I.Mun.E.

## **Treasurer and Accountant:**

R. K. LACEY Esq., F.I.M.T.A., D.P.A.

## **HEALTH DEPARTMENT**

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Chairman — Councillor W. D. R. Herbert

Vice-Chairman — Councillor H. R. Rosser

### **Medical Officer of Health:**

Dr T. Stephens, M.C., B.Sc., M.R.C.S., L.R.C.P., D.P.H., M.R.S.H.

### **Chief Public Health Inspector/Housing Manager:**

A. Stokes Esq., M.R.S.H., M.A.P.H.I.

### **Assistant Public Health Inspectors:**

J. R. Pulsford Esq., C.R.S.H.

G. Beynon Esq., C.R.S.H., M.A.P.H.I.

### **Shops Inspector:**

B. Evans, Esq.

### **Rodent Officer:**

C. Roberts, Esq.

### **Clerical Staff:**

A. E. Foster, Esq.

Mrs. M. Parton



## EBBW VALE URBAN DISTRICT, 1967

|  |      |      |      |      |             |
|--|------|------|------|------|-------------|
| Area of District   | .... | .... | .... | .... | 6,896 acres |
| Population (estimated) mid-1967                          | .... | .... | .... | .... | 27,600      |
| Population per acre                                      | .... | .... | .... | .... | 4.02        |
| Population (estimated) 1961                              | .... | .... | .... | .... | 28,380      |
| Population (census) 1961                                 | .... | .... | .... | .... | 28,627      |
| Rateable value as at 1st April, 1968                     | .... | .... | .... | .... | £1,369,689  |
| Estimated product of ld. rate                            | .... | .... | .... | .... | £5,450      |
| Number of live-births                                    | .... | .... | .... | .... | 444         |
| Birth rate per 1,000 inhabitants, crude                  | .... | .... | .... | .... | 16.08       |
| Number of still-births                                   | .... | .... | .... | .... | 12          |
| Still-birth rate per 1,000 inhabitants                   | .... | .... | .... | .... | 0.43        |
| Still-birth rate per 1,000 total (Live and Still) births | .... | .... | .... | .... | 26.31       |
| Number of deaths   | .... | ...  | .... | .... | 337         |
| Death rate per 1,000 inhabitants, crude                  | .... | .... | .... | .... | 12.20       |
| Number of infant deaths (under 1 year)                   | .... | .... | .... | .... | 19          |
| Infant mortality rate per 1,000 live births              | .... | .... | .... | .... | 42.79       |
| Number of infectious diseases notified                   | .... | .... | .... | .... | 177         |
| Infectious diseases—attack rate per 1,000 inhabitants    | .... | .... | .... | .... | 6.41        |
| <b>Tuberculosis :—</b>                                   |      |      |      |      |             |
| Cases notified   | .... | .... | .... | .... | 6           |
| Attack rate per 1,000 inhabitants                        | ...  | .... | .... | .... | 0.21        |
| Deaths   | .... | .... | .... | .... | 2           |
| Death rate per 1,000 inhabitants                         | .... | .... | .... | .... | 0.07        |

# ANNUAL REPORT

OF THE

## MEDICAL OFFICER OF HEALTH

TO THE

### EBBW VALE URBAN DISTRICT COUNCIL

**FOR THE YEAR 1967**

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To the CHAIRMAN and MEMBERS  
of the EBBW VALE URBAN DISTRICT COUNCIL

Mr. Chairman, Lady and Gentlemen,

I have the honour to present my report for the year ended 31st December, 1967. It is made in accordance with the memorandum of the Ministry of Health.

The area of Ebbw Vale Urban District is 6,869 acres, with an estimated population of 27,600 which is the population given by the Registrar General for calculation purposes. The Census taken in 1961 showed the population to be 28,627.

The number of births, still-births, and deaths assigned to this area are those registered during the year 1967 as adjusted for inward and outward transfers. The returns, as submitted by the Registrar-General, will be used for calculations, and it should be noted that these figures do not correspond with those compiled locally. This is particularly so with regard to the registration of births, as records of of inward transfers are not included in returns made by the Local Registrar.

#### CHEST DISEASES

The occurrence of bronchitis looms large in public interest. A wet climate, heavily polluted atmosphere, crowded small houses, and poor diet, have in the past been responsible for the incidence. Such environmental conditions have slowly improved except for the first.

The bronchitis survey at Ebbw Vale and Port Talbot conducted by the Welsh National School of Medicine, continues.



## HOUSING

The Authority is aware of the plight of so many young people who are compelled to face the intimacies of early married life in a room or rooms, may be in the homes of relations. Ugliness and unpleasantness are too often the inevitable sequel. The burden of mortgage is a back breaking alternative. This Council will surely cater for young married couples, when it is possible to do so, as they are doing for the oldest age groups.

## ROAD SAFETY

Good roads are important, safe vehicles are important, but the most important factor of all in the occurrence of road deaths and injuries is the living organism — human (at the wheel and on foot), equine (locally), ovine, canine and feline.

## CARE OF THE SICK AND AGED

Too often the aged face neglect by their families. Loneliness, increasing physical decrepitude and Old Age are usually inseparable. Nature is not kind to the Aging; it behoves the individual and the state to do all they can to help, realising that their maximum aid always leave the Aged with these insoluble problems.

## VARIOUS RATES 1927—1967

TABLE 1

|  | 1927  | 1937  | 1947  | 1957  | 1967  |
|--|-------|-------|-------|-------|-------|
| Crude birth rate per 1000 inhabitants ....               | 18.06 | 17.54 | 20.76 | 16.01 | 16.10 |
| Still-birth rate per 1,000 total (live and still) births | —     | 79.50 | 27.35 | 48.22 | 26.31 |
| Crude death rate per 1,000 inhabitants ....              | —     | 14.90 | 11.49 | 12.17 | 12.20 |
| Infantile mortality rate per 1,000 live-births ....      | 92.90 | 95.97 | 59.50 | 46.26 | 42.79 |

## EBBW VALE URBAN DISTRICT—POPULATION

TABLE 2

| Estimated Mid-year<br>Population |      |        | Census |     |        |
|----------------------------------|------|--------|--------|-----|--------|
| Year                             |      |        |        |     |        |
| 1963                             | .... | 28,040 | 1931   | ... | 31,695 |
| 1964                             | .... | 28,100 |        |     |        |
| 1965                             | .... | 27,910 | 1951   | ... | 29,220 |
| 1966                             | .... | 27,790 |        |     |        |
| 1967                             | .... | 27,600 | 1961   | ... | 28,627 |

### Acreage and Population of Wards — Census 1951, 1961

TABLE 3

| WARD          |      |      | ACREAGE | POPULATION, CENSUS |        |
|---------------|------|------|---------|--------------------|--------|
|               |      |      |         | 1951               | 1961   |
| NORTH         | .... | .... | 1,524   | 4,923              | 6,158  |
| BADMINTON     | .... | .... | 585     | 4,442              | 3,775  |
| NORTH CENTRAL | .... | .... | 637     | 5,032              | 5,639  |
| CENTRAL       | .... | .... | 641     | 4,522              | 5,028  |
| SOUTH CENTRAL | .... | .... | 1,609   | 4,829              | 3,600  |
| SOUTH         | .... | .... | 1,873   | 5,472              | 4,427  |
|               |      |      | 6,869   | 29,220             | 28,627 |

## BIRTHS

The total number of births registered locally during 1967 was 488 — 238 males and 250 females; 8 males and 9 females being illegitimate. Of this number, however, 194 children (94 males and 100 females, including 3 male and 1 female illegitimate births) were born to persons not normally resident within the district, thus leaving a total of 294 'local' births — 144 males and 150 females.

The figures returned by the Registrar-General were 224 males (17 illegitimate) and 220 females (14 illegitimate) a total of 444. The difference of 150 between out totals and those of the Registrar's is due to the fact that records of inward transferable births are not received by this Department.

In 1967 the general birth rate per thousand of the population was 16.08, the male rate was 8.11 and the female 7.97 whilst in 1966 these rates were 8.67 and 8.82 respectively. The illegitimate birth rate expressed as a percentage of the total live births was 6.98. In 1966 this figure was 3.29%

The number of still-births was 12 and the still-birth rate per 1,000 total (live and still) births was 26.31. In 1966 this figure was 16.19.

IN the following table the number of births and the birth rate per 1,000 of the population for each of the past five years are compared with the figures given for the County of Monmouth and England and Wales. The local rates have been adjusted by use of the given comparability factor for the appropriate year;

Comparability factor Births — 1.05.

TABLE 4

| Year | No. of Births | Birth rate per 1,000 |                    |                   |
|------|---------------|----------------------|--------------------|-------------------|
|      |               | Ebbw Vale            | County of Monmouth | England and Wales |
| 1963 | 507           | 18.98                | 19.32              | 18.20             |
| 1964 | 486           | 18.15                | 18.76              | 18.40             |
| 1965 | 494           | 18.57                | 19.05              | 18.00             |
| 1966 | 486           | 18.36                | 17.88              | 17.70             |
| 1967 | 444           | 16.88                | 17.13              | 17.20             |

THE table given below shows the total number of domiciliary and maternity home births registered in the district during the five year period 1961—67. These figures are obtained from local returns.

TABLE 5

|                       | 1967<br>Born at: |                              | 1966<br>Born at: |                              | 1965<br>Born at: |                              | 1964<br>Born at: |                              | 1963<br>Born at: |                              |
|-----------------------|------------------|------------------------------|------------------|------------------------------|------------------|------------------------------|------------------|------------------------------|------------------|------------------------------|
|                       | Home             | Rookery<br>Maternity<br>Home | Home             | Rookery<br>Maternity<br>Home | Home             | Rookery<br>Maternity<br>Home | Home             | Rookery<br>Maternity<br>Home | Home             | Rookery<br>Maternity<br>Home |
| Total births regist'd | 41               | 447                          | 48               | 496                          | 76               | 463                          | 90               | 449                          | 119              | 426                          |
| Outward transfers     | —                | 194                          | —                | 205                          | 3                | 205                          | 3                | 198                          | 3                | 176                          |
| Local                 | 41               | 253                          | 48               | 291                          | 73               | 258                          | 87               | 251                          | 116              | 250                          |

## INFANTILE MORTALITY

|   | 1967  | 1966  | 1965  | 1964  | 1963  |
|---|-------|-------|-------|-------|-------|
| Number of deaths (under 1 year) ....  | 19    | 12    | 13    | 14    | 18    |
| Number of live-births ....  | 444   | 486   | 494   | 486   | 507   |
| Infant mortality rate per 1,000 live-births   | 42.79 | 24.70 | 26.32 | 28.81 | 35.50 |
| Legitimate infant deaths per 1,000 legitimate live-births ....  | 46.00 | 25.53 | 27.65 | 29.78 | 37.04 |
| Illegitimate infants deaths per 1,000 illegitimate live-births ....   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| Neo-natal mortality rate (deaths under 4 weeks) per 1,000 live births ....  | 33.33 | 12.77 | 12.15 | 18.48 | 25.64 |
| Early neo-natal mortality rate (deaths under 1 week) per 1,000 live births ....                                     | 29.27 | 12.77 | 12.15 | 18.48 | 21.70 |
| Perinatal mortality rate (still-births and deaths under 1 week combined) per 1,000 total live and still births .... | 54.82 | 40.49 | 39.37 | 47.91 | 36.89 |
| Number of still-births ....   | 12    | 8     | 14    | 15    | 8     |
| Still-birth rate per 1,000 total live and still-births ....   | 26.31 | 16.19 | 27.55 | 29.94 | 15.53 |
| Still-birth rate per 1,000 population ....  | 0.43  | 0.29  | 0.50  | 0.53  | 0.29  |

## COMPARISON RATES, 1967

|   | Ebbw Vale | County of Monmouth | England & Wales |
|---|-----------|--------------------|-----------------|
| Infant mortality rate per 1,000 live births ....              | 42.79     | 21.82              | 18.3            |
| Neo-natal mortality rate per 1,000 live-births ....           | 33.33     | 14.88              | 12.5            |
| Perinatal mortality rate per 1,000 live and still-births .... | 54.82     | 29.90              | 25.4            |
| Still-birth rate per 1,000 total live and still-births ....   | 26.31     | 16.99              | 14.8            |

# INFANTILE MORTALITY, 1967

Deaths from stated causes at various ages under one year

TABLE 6

| CAUSE OF DEATH |   |     | Males | Females | Total und. 1 yr | Under 1 day | 1 — 7 days | 7 — 14 days | 14 — 21 days | 21 — 28 days | Total under one month | 1 — 3 mths. | 3 — 6 mths. | 6 — 9 mths. | 9 — 12 mths. | Total 1 Mth. and over |
|----------------|---|-----|-------|---------|-----------------|-------------|------------|-------------|--------------|--------------|-----------------------|-------------|-------------|-------------|--------------|-----------------------|
| 1              | Tuberculosis  | ... | ...   | ...     | ...             | ...         | ...        | ...         | ...          | ...          | ...                   | ...         | ...         | ...         | ...          | ...                   |
| 2              | Syphilitic disease  | ... | ...   | ...     | ...             | ...         | ...        | ...         | ...          | ...          | ...                   | ...         | ...         | ...         | ...          | ...                   |
| 3              | Diphtheria  | ... | ...   | ...     | ...             | ...         | ...        | ...         | ...          | ...          | ...                   | ...         | ...         | ...         | ...          | ...                   |
| 4              | Whooping Cough  | ... | ...   | ...     | ...             | ...         | ...        | ...         | ...          | ...          | ...                   | ...         | ...         | ...         | ...          | ...                   |
| 5              | Meningococcal infection   | ... | ...   | ...     | ...             | ...         | ...        | ...         | ...          | ...          | ...                   | ...         | ...         | ...         | ...          | ...                   |
| 6              | Acute poliomyelitis   | ... | ...   | ...     | ...             | ...         | ...        | ...         | ...          | ...          | ...                   | ...         | ...         | ...         | ...          | ...                   |
| 7              | Measles   | ... | ...   | ...     | ...             | ...         | ...        | ...         | ...          | ...          | ...                   | ...         | ...         | ...         | ...          | ...                   |
| 8              | Cancer (malignant disease)  | ... | ...   | ...     | ...             | ...         | ...        | ...         | ...          | ...          | ...                   | ...         | ...         | ...         | ...          | ...                   |
| 9              | Heart disease   | ... | ...   | ...     | ...             | ...         | ...        | ...         | ...          | ...          | ...                   | ...         | ...         | ...         | ...          | ...                   |
| 10             | Influenza   | ... | ...   | ...     | ...             | ...         | ...        | ...         | ...          | ...          | ...                   | ...         | ...         | ...         | ...          | ...                   |
| 11             | Pneumonia (all forms)   | ... | ...   | 1       | 1               | ...         | ...        | ...         | ...          | ...          | ...                   | 1           | ...         | ...         | ...          | 1                     |
| 12             | Bronchitis  | ... | ...   | ...     | ...             | ...         | ...        | ...         | ...          | ...          | ...                   | ...         | ...         | ...         | ...          | ...                   |
| 13             | Other respiratory diseases  | ... | ...   | 1       | 1               | 1           | ...        | ...         | ...          | ...          | 1                     | ...         | ...         | ...         | ...          | ...                   |
| 14             | Congenital malformations  | ... | ...   | 2       | 2               | 1           | ...        | 1           | ...          | ...          | 2                     | ...         | ...         | ...         | ...          | ...                   |
| 15             | Gastritis, enteritis and diarrhoea                                    | ... | 1     | ...     | 1               | ...         | ...        | ...         | ...          | 1            | 1                     | ...         | ...         | ...         | ...          | ...                   |
| 16             | Accident  | ... | 2     | ...     | 2               | ...         | ...        | ...         | ...          | ...          | ...                   | 1           | 1           | ...         | ...          | 2                     |
| 17             | Atelectasis   | ... | ...   | 1       | 1               | ...         | 1          | ...         | ...          | ...          | 1                     | ...         | ...         | ...         | ...          | ...                   |
| 18             | Prematurity   | ... | 5     | 2       | 7               | 6           | 1          | ...         | ...          | ...          | 7                     | ...         | ...         | ...         | ...          | ...                   |
| 19             | Erythroblastosis, foetalis or incompatibility of parents' blood group | ... | ...   | ...     | ...             | ...         | ...        | ...         | ...          | ...          | ...                   | ...         | ...         | ...         | ...          | ...                   |
| 20             | All other causes  | ... | 3     | 1       | 4               | 1           | 3          | ...         | ...          | ...          | 4                     | ...         | ...         | ...         | ...          | ...                   |
|                |   |     | 11    | 8       | 19              | 9           | 5          | 1           | ...          | 1            | 16                    | 2           | 1           | ...         | ...          | 3                     |



**STILL BIRTHS AND  
INFANTILE MORTALITY 1958—1967**

**Certain Stated Causes**

TABLE 7

| Cause of death          | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | TOTALS |
|-------------------------|------|------|------|------|------|------|------|------|------|------|--------|
| Heart disease ...       | —    | —    | 1    | 1    | —    | 2    | 1    | —    | —    | —    | 5      |
| Pneumonia ...           | —    | 3    | 1    | 3    | —    | 3    | 3    | 3    | 2    | 1    | 19     |
| Accident ...            | 1    | 3    | —    | —    | 1    | 2    | 2    | —    | —    | 2    | 11     |
| Atelectasis ...         | 1    | —    | 2    | —    | —    | 2    | —    | —    | —    | 1    | 6      |
| Prematurity ...         | 3    | 7    | 1    | 7    | 5    | 5    | 3    | 4    | 1    | 7    | 43     |
| Cong. malformations ... | 1    | 2    | 2    | 3    | —    | —    | 2    | 1    | 4    | 2    | 17     |
| Still births ...        | 17   | 16   | 13   | 15   | 12   | 8    | 15   | 14   | 8    | 12   | 130    |



## DEATHS

The return of deaths as received from the Local Registrar and the Registrar General showed the total number of deaths in the Ebbw Vale area during 1967 to be 249, but of this number 42 were persons normally resident elsewhere, i.e. outward transfers. The number of residents who died within the area was, therefore, 207 — 127 males and 80 females. The inward transferable deaths (local residents who died outside the area) totalled 130 — 86 males and 44 females; thus the total number of deaths from all causes assigned to this area was 337 — 213 males and 124 females.

The death rate per 1,000 of the population for the year 1967 was 12.20, the male death rate being 7.72 and the female 4.49. In 1966 the rates were 6.91 and 5.58 respectively.

In the following table the death rates per thousand of the population for the past five years are compared with those for the County of Monmouth, England and Wales. The local rates have been adjusted by the use of the comparability factor for the appropriate year; C.F. Deaths — 1.22.

TABLE 8

| Year      | No. of Deaths | Death rate per 1,000 |                    |                   |
|-----------|---------------|----------------------|--------------------|-------------------|
|           |               | Ebbw Vale            | County of Monmouth | England and Wales |
| 1963 .... | 324           | 11.55                | 13.67              | 12.20             |
| 1964 .... | 317           | 13.87                | 13.72              | 11.30             |
| 1965 .... | 309           | 13.51                | 13.76              | 11.50             |
| 1966 .... | 347           | 15.23                | 13.59              | 11.70             |
| 1967 .... | 337           | 14.88                | 12.87              | 11.20             |

# CAUSES OF DEATH

## IN THE EBBW VALE URBAN DISTRICT, 1967

Returns of the Registrar General

TABLE 9

|               |  |     |     |     | Males | Females | Total |
|---------------|--|-----|-----|-----|-------|---------|-------|
| 1.            | Tuberculosis, respiratory                | ... | ... | ... | 2     | —       | 2     |
| 2.            | Tuberculosis, other forms                | ... | ... | ... | —     | —       | —     |
| 3.            | Syphilitic disease                       | ... | ... | ... | 2     | —       | 2     |
| 4.            | Diphtheria                               | ... | ... | ... | —     | —       | —     |
| 5.            | Whooping cough                           | ... | ... | ... | —     | —       | —     |
| 6.            | Meningococcal infections                 | ... | ... | ... | —     | —       | —     |
| 7.            | Acute poliomyelitis                      | ... | ... | ... | —     | —       | —     |
| 8.            | Measles                                  | ... | ... | ... | —     | —       | —     |
| 9.            | Other infective and parasitic diseases   | ... | ... | ... | —     | 1       | 1     |
| 10.           | Malignant neoplasm, stomach              | ... | ... | ... | 9     | 3       | 12    |
| 11.           | Malignant neoplasm, lung, bronchus       | ... | ... | ... | 14    | 3       | 17    |
| 12.           | Malignant neoplasm, breast               | ... | ... | ... | —     | 4       | 4     |
| 13.           | Malignant neoplasm, uterus               | ... | ... | ... | —     | 3       | 3     |
| 14.           | Other malignant and lymphatic neoplasms  | ... | ... | ... | 14    | 8       | 22    |
| 15.           | Leukaemia                                | ... | ... | ... | 1     | 1       | 2     |
| 16.           | Diabetes                                 | ... | ... | ... | 2     | 4       | 6     |
| 17.           | Vascular lesions of nervous system       | ... | ... | ... | 16    | 17      | 33    |
| 18.           | Coronary disease, angina                 | ... | ... | ... | 69    | 23      | 92    |
| 19.           | Hypertension with heart disease          | ... | ... | ... | 4     | —       | 4     |
| 20.           | Other heart disease                      | ... | ... | ... | 11    | 10      | 21    |
| 21.           | Other circulatory disease                | ... | ... | ... | 8     | 6       | 14    |
| 22.           | Influenza                                | ... | ... | ... | —     | —       | —     |
| 23.           | Pneumonia                                | ... | ... | ... | 1     | 3       | 4     |
| 24.           | Bronchitis                               | ... | ... | ... | 18    | 6       | 24    |
| 25.           | Other diseases of the respiratory system | ... | ... | ... | 1     | 1       | 2     |
| 26.           | Ulcer of stomach and duodenum            | ... | ... | ... | 4     | —       | 4     |
| 27.           | Gastritis, enteritis and diarrhoea       | ... | ... | ... | 1     | 1       | 2     |
| 28.           | Nephritis and nephrosis                  | ... | ... | ... | 2     | —       | 2     |
| 29.           | Hyperplasia of prostate                  | ... | ... | ... | 3     | —       | 3     |
| 30.           | Pregnancy, childbirth, abortion          | ... | ... | ... | —     | 1       | 1     |
| 31.           | Congenital malformations                 | ... | ... | ... | —     | 3       | 3     |
| 32.           | Other defined and ill-defined diseases   | ... | ... | ... | 21    | 20      | 41    |
| 33.           | Motor vehicle accidents                  | ... | ... | ... | 4     | —       | 4     |
| 34.           | All other accidents                      | ... | ... | ... | 5     | 5       | 10    |
| 35.           | Suicide                                  | ... | ... | ... | 1     | 1       | 2     |
| 36.           | Homicide and operations of war           | ... | ... | ... | —     | —       | —     |
| <b>Totals</b> |  |     |     | ... | 213   | 124     | 337   |

**Causes of Death in the Ebbw Vale Urban District 1967**  
**Local Returns (including Inward Transferable Deaths) Age Groups**

TABLE 10

| Cause of Death                                  | Males | Females | At all ages | Under 4 weeks | 4 wks. to 1 year | 1 — 4 years | 5 — 14 years | 15—24 years | 25—34 years | 35—44 years | 45—54 years | 55—64 years | 65—74 years | Over 75 years |
|---|-------|---------|-------------|---------------|------------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|
| 1. Tuberculosis, respiratory ...                | 2     | ...     | 2           | ...           | ...              | ...         | ...          | ...         | ...         | ...         | ...         | 1           | ...         | 1             |
| 2. Tuberculosis, other forms ...                | ...   | ...     | ...         | ...           | ...              | ...         | ...          | ...         | ...         | ...         | ...         | ...         | ...         | ...           |
| 3. Syphilitic disease ...                       | 2     | ...     | 2           | ...           | ...              | ...         | ...          | ...         | ...         | ...         | ...         | ...         | 2           | ...           |
| 4. Diphtheria ...                               | ...   | ...     | ...         | ...           | ...              | ...         | ...          | ...         | ...         | ...         | ...         | ...         | ...         | ...           |
| 5. Whooping Cough ...                           | ...   | ...     | ...         | ...           | ...              | ...         | ...          | ...         | ...         | ...         | ...         | ...         | ...         | ...           |
| 6. Meningococcal infection ...                  | ...   | ...     | ...         | ...           | ...              | ...         | ...          | ...         | ...         | ...         | ...         | ...         | ...         | ...           |
| 7. Acute poliomyelitis ...                      | ...   | ...     | ...         | ...           | ...              | ...         | ...          | ...         | ...         | ...         | ...         | ...         | ...         | ...           |
| 8. Measles ...                                  | ...   | ...     | ...         | ...           | ...              | ...         | ...          | ...         | ...         | ...         | ...         | ...         | ...         | ...           |
| 9. Other infective and parasitic diseases ...   | ...   | 1       | 1           | ...           | ...              | ...         | ...          | ...         | 1           | ...         | ...         | ...         | ...         | ...           |
| 10. Malignant neoplasm, stomach ...             | 9     | 3       | 12          | ...           | ...              | ...         | ...          | ...         | ...         | ...         | ...         | 5           | 3           | 4             |
| 11. Malignant neoplasm, lung, bronchus ...      | 14    | 3       | 17          | ...           | ...              | ...         | ...          | ...         | ...         | ...         | ...         | 5           | 11          | 1             |
| 12. Malignant neoplasm, breast ...              | ...   | 4       | 4           | ...           | ...              | ...         | ...          | ...         | ...         | 2           | 1           | ...         | ...         | 1             |
| 13. Malignant neoplasm, uterus ...              | ...   | 3       | 3           | ...           | ...              | ...         | ...          | ...         | ...         | 1           | 1           | ...         | 1           | ...           |
| 14. Other malignant and lymphatic neoplasms ... | 14    | 8       | 22          | ...           | ...              | ...         | ...          | ...         | ...         | ...         | 2           | 8           | 7           | 5             |
| 15. Leukaemia and aleukaemia ...                | 1     | 1       | 2           | ...           | ...              | ...         | ...          | ...         | ...         | 1           | ...         | ...         | 1           | 1             |
| 16. Diabetes ...                                | 2     | 4       | 6           | ...           | ...              | ...         | ...          | ...         | ...         | ...         | ...         | ...         | 3           | 3             |
| 17. Vascular lesions of nervous system ...      | 16    | 17      | 33          | ...           | ...              | ...         | ...          | ...         | ...         | ...         | 1           | 5           | 16          | 11            |
| 18. Coronary disease, angina ...                | 69    | 23      | 92          | ...           | ...              | ...         | ...          | ...         | 1           | 3           | 9           | 19          | 29          | 31            |
| 19. Hypertension with heart disease ...         | 4     | ...     | 4           | ...           | ...              | ...         | ...          | ...         | ...         | ...         | ...         | ...         | 4           | ...           |
| 20. Other heart disease ...                     | 11    | 10      | 21          | ...           | ...              | ...         | ...          | ...         | ...         | ...         | 1           | ...         | 7           | 13            |
| 21. Other circulatory disease ...               | 8     | 6       | 14          | ...           | ...              | ...         | ...          | ...         | ...         | ...         | 1           | 2           | 2           | 9             |
| 22. Influenza ...                               | ...   | ...     | ...         | ...           | ...              | ...         | ...          | ...         | ...         | ...         | ...         | ...         | ...         | ...           |
| 23. Pneumonia ...                               | 1     | 3       | 4           | ...           | 1                | 1           | ...          | ...         | ...         | ...         | ...         | ...         | 1           | 1             |
| 24. Bronchitis ...                              | 18    | 6       | 24          | ...           | ...              | 1           | ...          | ...         | ...         | ...         | ...         | 7           | 8           | 8             |
| 25. Other diseases of respiratory system ...    | 1     | 1       | 1           | ...           | ...              | ...         | ...          | ...         | ...         | ...         | ...         | ...         | ...         | 2             |
| 26. Ulcer of stomach, duodenum ...              | 4     | ...     | 4           | ...           | ...              | ...         | ...          | ...         | ...         | ...         | ...         | 1           | 1           | 2             |
| 27. Gastritis, enteritis and diarrhoea ...      | 1     | 1       | 2           | 1             | ...              | ...         | ...          | ...         | ...         | ...         | ...         | ...         | 1           | ...           |
| 28. Nephritis and nephrosis ...                 | 2     | ...     | 2           | ...           | ...              | ...         | ...          | 1           | ...         | ...         | ...         | ...         | 1           | ...           |
| 29. Hyperplasia of prostate ...                 | 3     | ...     | 3           | ...           | ...              | ...         | ...          | ...         | ...         | ...         | ...         | ...         | 1           | 2             |
| 30. Pregnancy, childbirth, abortion ...         | ...   | 1       | 1           | ...           | ...              | ...         | ...          | ...         | ...         | 1           | ...         | ...         | ...         | ...           |
| 31. Congenital malformations ...                | ...   | 3       | 3           | 2             | ...              | 1           | ...          | ...         | ...         | ...         | ...         | ...         | ...         | ...           |
| 32. Other defined and ill-defined diseases ...  | 21    | 20      | 41          | 12            | 1                | ...         | ...          | ...         | ...         | ...         | 2           | 4           | 9           | 13            |
| 33. Motor vehicle accidents ...                 | 4     | ...     | 4           | ...           | ...              | 1           | 1            | 1           | ...         | ...         | 1           | ...         | ...         | ...           |
| 34. All other accidents ...                     | 5     | 5       | 10          | ...           | 2                | 1           | ...          | ...         | ...         | 1           | ...         | ...         | 2           | 1             |
| 35. Suicide ...                                 | 1     | 1       | 2           | ...           | ...              | ...         | ...          | ...         | ...         | ...         | ...         | 1           | ...         | 1             |
| 36. Homicide and operations of war...           | ...   | ...     | ...         | ...           | ...              | ...         | ...          | ...         | ...         | ...         | ...         | ...         | ...         | ...           |
|   | 213   | 124     | 337         | 15            | 4                | 5           | 1            | 2           | 2           | 7           | 21          | 61          | 110         | 109           |

TABLE 11

## MONTHLY REGISTRATION OF DEATHS 1967. LOCAL RETURNS

| Month     | Total Registered Deaths |    | Outward Transfers |    | Inward Transfers |    | Total 'Local' Deaths |     | Total | Quarterly Totals |
|-----------|-------------------------|----|-------------------|----|------------------|----|----------------------|-----|-------|------------------|
|           | M                       | F  | M                 | F  | M                | F  | M                    | F   |       |                  |
| January   | 11                      | 8  | 2                 | 1  | 11               | 2  | 20                   | 9   | 29    | 87               |
| February  | 14                      | 7  | 2                 | 3  | 5                | 5  | 17                   | 9   | 26    |                  |
| March     | 14                      | 13 | 2                 | 1  | 3                | 5  | 15                   | 17  | 32    |                  |
| April     | 12                      | 6  | 2                 | 3  | 5                | 3  | 15                   | 6   | 21    | 70               |
| May       | 12                      | 6  | 2                 | 1  | 5                | 3  | 15                   | 8   | 23    |                  |
| June      | 11                      | 8  | 1                 | 2  | 7                | 3  | 17                   | 9   | 26    |                  |
| July      | 8                       | 7  | 2                 | 1  | 6                | 3  | 12                   | 9   | 21    | 69               |
| August    | 7                       | 9  | 1                 | 1  | 4                | 2  | 10                   | 10  | 20    |                  |
| September | 8                       | 9  | 1                 | 1  | 7                | 6  | 14                   | 14  | 28    |                  |
| October   | 24                      | 9  | 6                 | —  | 10               | 4  | 28                   | 13  | 41    | 111              |
| November  | 18                      | 6  | 2                 | 1  | 12               | 7  | 28                   | 12  | 40    |                  |
| December  | 14                      | 7  | 2                 | 2  | 10               | 3  | 22                   | 8   | 30    |                  |
|           | 153                     | 95 | 25                | 17 | 85               | 46 | 213                  | 124 | 337   | 337              |

The figures for the total 'local' deaths are found by using the formula — 'local' deaths = Total — Outward + Inward Transfers.

DURING the past five years 1963 to 1967, the number of deaths and death rates per 1,000 of the population, from all forms of cancer, 'lung' cancer, bronchitis, coronary disease and all forms of accidents were as follows:—

## CANCER, ALL SITES

TABLE 12

| Year            |      | No. of deaths | Death rate | % of total deaths |
|-----------------|------|---------------|------------|-------------------|
| 1963            | ...  | 57            | 2.03       | 17.59             |
| 1964            | ...  | 56            | 1.99       | 17.66             |
| 1965            | ...  | 60            | 2.15       | 19.42             |
| 1966            | .... | 51            | 1.83       | 14.69             |
| 1967            | .... | 58            | 2.17       | 17.21             |
| Total 1963-1967 |      | 282           | 2.03 (av.) | 17.31 (av.)       |

## 'LUNG' CANCER

TABLE 13

| Year            |      | No. of deaths | Death rate | % of total deaths |
|-----------------|------|---------------|------------|-------------------|
| 1963            | .... | 12            | 0.43       | 3.70              |
| 1964            | ...  | 15            | 0.53       | 4.73              |
| 1965            | ...  | 18            | 0.65       | 5.83              |
| 1966            | .... | 10            | 0.36       | 2.88              |
| 1967            | .... | 17            | 0.61       | 5.04              |
| Total 1963-1967 |      | 72            | 0.51 (av.) | 4.43 (av.)        |

## BRONCHITIS

TABLE 14

| Year            |      | No. of deaths | Death rate | % of total deaths |
|-----------------|------|---------------|------------|-------------------|
| 1963            | ...  | 21            | 0.75       | 6.48              |
| 1964            | ...  | 25            | 0.89       | 7.88              |
| 1965            | ...  | 23            | 0.82       | 7.44              |
| 1966            | .... | 28            | 1.00       | 8.07              |
| 1967            | .... | 24            | 0.86       | 7.12              |
| Total 1963-1967 |      | 121           | 0.86 (av.) | 7.39 (av.)        |



## CORONARY DISEASE, ANGINA

TABLE 15

| Year            | No. of deaths | Death rate | % of total deaths |
|-----------------|---------------|------------|-------------------|
| 1963            | 76            | 2.71       | 23.46             |
| 1964            | 71            | 2.53       | 22.39             |
| 1965            | 78            | 2.79       | 25.24             |
| 1966            | 86            | 3.09       | 24.78             |
| 1967            | 92            | 3.33       | 27.29             |
| Total 1963-1967 | 403           | 2.89 (av.) | 24.63 (av.)       |

The local death rate from Coronary Diseases appears slowly but surely to be rising. Three disturbing aspects are first that it often kills without prior warning; second that it often strikes those at the height of their mental powers; third that the cause is unknown, although many causative factors have been suspected.

## ACCIDENTS, ALL FORMS

TABLE 16

| Year          | No. of deaths | Death Rate | % of total deaths |
|---------------|---------------|------------|-------------------|
| 1963          | 9             | 0.32       | 2.78              |
| 1964          | 17            | 0.60       | 5.36              |
| 1965          | 7             | 0.25       | 2.26              |
| 1966          | 6             | 0.22       | 1.73              |
| 1967          | 14            | 0.50       | 4.15              |
| Total 1963-67 | 53            | 0.37       | 3.25              |

## COUNTY STATISTICS

The figures below apply to the County of Monmouth for the year 1967; for the purposes of comparison the local rates are shown.

TABLE 17

|   | County of Monmouth | Ebbw Vale |
|---|--------------------|-----------|
| Number of live-births   | 5,912              | 444       |
| Live birth-rate per 1,000 population, crude                               | 16.80              | 16.08     |
| Live birth-rate per 1,000 population, adjusted                            | 17.13              | 16.88     |
| Illegitimate live-births per cent, of total live births                   | 5.93               | 6.98      |
| Number of still-births  | 102                | 12        |
| Still-birth rate per 1,000 total live and still births                    | 16.99              | 26.31     |
| Total number of live and still-births                                     | 6,014              | 456       |
| Total number of infants' deaths (under 1 yr. of age)                      | 129                | 19        |
| Infant mortality rate per 1,000 total live births                         | 21.82              | 42.79     |
| Mortality rate of legitimate infants per 1,000 legitimate live births     | 21.57              | 46.00     |
| Mortality rate of illegitimate infants per 1,000 illegitimate live-births | 25.64              | —         |



|  |         |        |
|--|---------|--------|
| Neo-natal mortality rate per 1,000 live births (first four weeks) ....   | 14.88   | 33.33  |
| Early neo-natal mortality rate per 1,000 live births (under 1 week) ....   | 12.51   | 29.27  |
| Perinatal mortality (still-births and deaths of infants under 1 week of age) per 1,000 total live and still births) .... | 29.09   | 54.82  |
| Number of maternal deaths (including abortions) ....   | 3       | 1      |
| Maternal mortality rate per 1,000 live and still-births  | 0.49    | 2.19   |
| Still-birth rate per 1,000 population ....   | 0.29    | 0.43   |
| Total death rate per 1,000 population, crude ....  | 11.29   | 12.21  |
| Total death rate per 1,000 population, adjusted ....   | 12.87   | 14.89  |
| Total number of deaths ....  | 3,972   | 337    |
| Estimated Mid-year Home population ....  | 351,740 | 27,600 |

Comparability Factors:— Ebbw Vale Births—1.05, Deaths—1.22.

## EBBW VALE

### Live Births

|                     | M   | F   | Total |
|---------------------|-----|-----|-------|
| Total ... ..        | 224 | 220 | 444   |
| Legitimate ... ..   | 207 | 206 | 413   |
| Illegitimate ... .. | 17  | 14  | 31    |

### Still Births

|                     |   |   |    |
|---------------------|---|---|----|
| Total ... ..        | 5 | 7 | 12 |
| Legitimate ... ..   | 5 | 6 | 11 |
| Illegitimate ... .. | — | 1 | 1  |

### Deaths of infants under one year of age

|                     |    |   |    |
|---------------------|----|---|----|
| Total ... ..        | 11 | 8 | 19 |
| Legitimate ... ..   | 11 | 8 | 19 |
| Illegitimate ... .. | —  | — | —  |

### Deaths of infants under 4 weeks of age

|                     |   |   |    |
|---------------------|---|---|----|
| Total ... ..        | 8 | 7 | 15 |
| Legitimate ... ..   | 8 | 7 | 15 |
| Illegitimate ... .. | — | — | —  |

### Deaths of infants under 1 week of age

|                     |   |   |    |
|---------------------|---|---|----|
| Total ... ..        | 7 | 6 | 13 |
| Legitimate ... ..   | 7 | 6 | 13 |
| Illegitimate ... .. | — | — | —  |

## INFECTIOUS DISEASES

TABLE 18

DURING the year 177 cases of infectious diseases were notified, giving an attack rate per thousand of the population of 6.41.

| Year | No. of cases notified | Attack rate per 1,000 |
|------|-----------------------|-----------------------|
| 1963 | 110                   | 3.92                  |
| 1964 | 761                   | 27.08                 |
| 1965 | 328                   | 11.75                 |
| 1966 | 102                   | 3.67                  |
| 1967 | 177                   | 6.41                  |

## INFECTIOUS DISEASES—MORTALITY

DURING the year there were no deaths, tuberculosis excepted, from any notified case of infectious disease.

In the Table below are shown the cases notified and the case rate per 1,000 of the population for each of the notifiable diseases.

CASES NOTIFIED — TABLE 19

| Disease                   | No. of cases Notified | Attack rate per 1,000 |
|---------------------------|-----------------------|-----------------------|
| Erysiselas                | 1                     | 0.04                  |
| Food Poisoning            | 2                     | 0.07                  |
| Measles                   | 140                   | 5.07                  |
| Whhoping Cough            | 21                    | 0.76                  |
| Scarlet Fever             | 6                     | 0.21                  |
| Tuberculosis, respiratory | 3                     | 0.11                  |
| Tuberculosis, other       | 3                     | 0.11                  |
| Ophthalmia neonatorum     | 1                     | 0.04                  |
|                           | 177                   | 6.41                  |

## DIPHTHERIA IMMUNISATION

NO case of Diphtheria was notified in this area during the year. Protection may be obtained, free of cost, at the Infant Welfare Centres, surgeries of the medical practitioners, and the Health Clinic. It is still difficult, however, to convince some people of the immense value and continuing necessity of the protection afforded by immunisation.

Diphtheria immunisation can be carried out alone, or with whooping cough vaccine, or with tetanus (lock jaw) vaccine, or the three together commonly known as the 'three-in-one'.

### DIPHTHERIA — England and Wales, 1947, 1957, 1967

| Year | Notifications |      |      |       | Deaths |          |
|------|---------------|------|------|-------|--------|----------|
| 1947 | ....          | .... | 5069 | (441) | ....   | 244 (19) |
| 1957 | ....          | .... | 37   | (1)   | ....   | 6 (—)    |
| 1967 | ....          | .... | 6    | (—)   | ....   | — (—)    |

The figures in parenthesis relate to Wales alone.

## SMALLPOX

NO cases of smallpox were notified during the year.

## SMALLPOX VACCINATION

VACCINATION against smallpox is not compulsory but this treatment is given free of cost at infant welfare centres and surgeries of the medical practitioners.

No cases of generalised vaccinia or post-vaccinal encephalomyelitis occurred during the year and there were no deaths from other complications of vaccination. I give below, in specified age groups, the number of persons primarily vaccinated or re-vaccinated during the past twelve months.

### Smallpox Vaccinations carried out during the years 1963—1967

TABLE 20

| Year              | 1967 | 1966 | 1965 | 1964 | 1963 |
|-------------------|------|------|------|------|------|
| Primary :—        |      |      |      |      |      |
| Under 1 year      | —    | 2    | 3    | 1    | 1    |
| 1 - 4 years       | 19   | 56   | 26   | 9    | 2    |
| 5 - 14 years      | 2    | 8    | 4    | —    | —    |
| 15 years and over | 9    | 16   | 11   | 1    | 2    |
| Re—vaccinations   | 4    | 84   | 20   | 10   | 7    |
|                   | 34   | 166  | 64   | 21   | 12   |

## **POLIOMYELITIS**

NO case of poliomyelitis has been notified during the past five years since the 19 cases that were notified in 1962.

## **POLIOMYELITIS VACCINATION**

ADMINISTRATION of orral vaccine started on the 1st June, 1962 and since that date 35,593 vaccinations have been carried out.

The number of vaccinations administered during 1967 was 991.

## **DYSENTERY**

DURING the year no cases of dysentery were notified.

The total number of cases of dysentery notified during the past five years is given below.

|                      | 1967 | 1966 | 1965 | 1964 | 1963 |
|----------------------|------|------|------|------|------|
|                      | —    | —    | —    | —    | —    |
| Cases notified ..... | —    | 1    | 1    | 7    | 5    |

## **FOOD POISONING**

TWO cases of food poisoning were notified during 1966. None of these were confirmed by laboratory examination of faecal specimens.

I give below details of faecal samples submitted for laboratory examination.

|                                     |   |
|-------------------------------------|---|
| Total faecal specimens .....        | 8 |
| Organisms isolated .....            | 0 |
| No relevant pathogen isolated ..... | 8 |

No organisms of the salmonella, enteric or dysentery groups were isolated from the samples of food submitted for examination.

|                                       | 1967 | 1966 | 1965 | 1964 | 1963 |
|---------------------------------------|------|------|------|------|------|
|                                       | —    | —    | —    | —    | —    |
| Case of food poisoning notified       | 2    | 18   | 18   | 22   | 13   |
| Cases not confirmed bacteriologically | 2    | 18   | 18   | 20   | 13   |
| Cases confirmed bacteriologically     | —    | —    | —    | 2    | —    |

## **TYPHOID AND PARATYPHOID FEVER**

NO cases of typhoid or paratyphoid fever notified during 1967.

## TUBERCULOSIS

DURING the year six cases of tuberculosis were notified, 3 respiratory and 3 non respiratory. There were 2 deaths from respiratory tuberculosis.

Each case notified is visited by the Medical Officer of Health and the Health Visitor and a report upon environmental conditions is sent to the Area Chest Physician and the County Medical Officer. The Welfare facilities, e.g. occupational therapy provided by the Local Health Authority and financial assistance provided by the Ministry of Social Security, are brought to the notice of the patients. This Authority, in addition, offers rehousing where necessary.

Arrangements are made for all contacts to be seen at the Chest Clinic for skin tests, X-rays and B.C.G. Vaccination.

Skin testing for tuberculosis in the 'under fives' was carried out in the Child Welfare Clinics and at this office. Certain children of school age were offered the same facility and all positive skin tests were passed to the care of the Chest Physician. Skin test negatives in the age group thirteen years and over were offered B.C.G. Vaccination.

Patients from the area attend the Chest Clinics at Pentwyn House, Ebbw Vale and the General Hospital, Tredegar. The figures in the tables below (supplied by the Area Chest Physician) relate only to those patients seen at the Ebbw Vale Clinic.

TABLE 21

|   |      |      |      |      |      |      |     |
|---|------|------|------|------|------|------|-----|
| Number of chest cases examined (including home visits) i.e. new cases seen during the year ended 31st December, 1967              | .... | .... | .... | .... | .... | .... | 260 |
| Number of attendances at the Clinic (including home visits) i.e. new and old cases seen during the year ended 31st December, 1967 | .... | .... | .... | .... | .... | .... | 387 |

TABLE 22

|   | 1967 | 1966 | 1965 | 1964 | 1963 |
|---|------|------|------|------|------|
| Number of persons examined for the first time at the Ebbw Vale Clinic | 260  | 271  | 260  | 293  | 199  |
| Total number of attendances at the Ebbw Vale Clinic                   | 387  | 709  | 669  | 718  | 600  |



# TUBERCULOSIS

1.—Summary of Notifications received during the period 1st January to 31st December, 1967.

TABLE 23

| FORMAL NOTIFICATIONS |         |  |    |    |    |     |     |     |     |     |     |     |     |     |       |
|----------------------|---------|--|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
|                      |         | Primary notifications of new cases of tuberculosis |    |    |    |     |     |     |     |     |     |     |     |     |       |
|                      |         | Age periods :                                      |    |    |    |     |     |     |     |     |     |     |     |     |       |
|                      |         | 0-   | 1- | 2- | 5- | 10- | 15- | 20- | 25- | 35- | 45- | 55- | 65- | 75- | Total |
| Resp.                | Males   | ...  | —  | —  | —  | —   | —   | —   | —   | —   | —   | 1   | 1   | —   | 2     |
|                      | Females | ...  | —  | —  | —  | —   | —   | —   | —   | —   | —   | —   | 1   | —   | 1     |
| Non-resp.            | Males   | ...  | —  | —  | —  | —   | —   | —   | —   | —   | —   | —   | 1   | 1   | 2     |
|                      | Females | ...  | —  | —  | —  | —   | —   | —   | 1   | —   | —   | —   | —   | —   | 1     |

2.—New cases of Tuberculosis coming to the knowledge of the Medical Officer of Health during the above-mentioned period, other than by Formal Notification.

| Source of information :                                    |       | 0- | 1- | 2- | 5- | 10- | 15- | 20- | 25- | 35- | 45- | 55- | 65- | 75- | Total |
|--|-------|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| Deaths returns from Local Registrar                        | Resp. | M  | —  | —  | —  | —   | —   | —   | —   | —   | —   | —   | —   | —   | —     |
|  | F     | —  | —  | —  | —  | —   | —   | —   | —   | —   | —   | —   | —   | —   | —     |
| Non-resp.  | M     | —  | —  | —  | —  | —   | —   | —   | —   | —   | —   | —   | —   | —   | —     |
|  | F     | —  | —  | —  | —  | —   | —   | —   | —   | —   | —   | —   | —   | —   | —     |
| Death returns from Registrar-General (transferable) deaths | Resp. | M  | —  | —  | —  | —   | —   | —   | —   | —   | —   | —   | —   | —   | —     |
|  | F     | —  | —  | —  | —  | —   | —   | —   | —   | —   | —   | —   | —   | —   | —     |
| Non-resp.  | M     | —  | —  | —  | —  | —   | —   | —   | —   | —   | —   | —   | —   | —   | —     |
|  | F     | —  | —  | —  | —  | —   | —   | —   | —   | —   | —   | —   | —   | —   | —     |
| Posthumous Notifications                                   | Resp. | M  | —  | —  | —  | —   | —   | —   | —   | —   | —   | —   | —   | —   | —     |
|  | F     | —  | —  | —  | —  | —   | —   | —   | —   | —   | —   | —   | —   | —   | —     |
| Non-resp.  | M     | —  | —  | —  | —  | —   | —   | —   | —   | —   | —   | —   | —   | —   | —     |
|  | F     | —  | —  | —  | —  | —   | —   | —   | —   | —   | —   | —   | —   | —   | —     |

3.—Deaths from tuberculosis, 1967 — age groups.

| Age Groups : |         | 0-  | 1- | 2- | 5- | 10- | 15- | 20- | 25- | 35- | 45- | 55- | 65- | 75- | Total |
|--------------|---------|-----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| Resp.        | Males   | ... | —  | —  | —  | —   | —   | —   | —   | —   | —   | 1   | —   | 1   | 2     |
|              | Females | ... | —  | —  | —  | —   | —   | —   | —   | —   | —   | —   | —   | —   | —     |
| Non-resp.    | Males   | ... | —  | —  | —  | —   | —   | —   | —   | —   | —   | —   | —   | —   | —     |
|              | Females | ... | —  | —  | —  | —   | —   | —   | —   | —   | —   | —   | —   | —   | —     |



## CASES NOTIFIED AND DEATHS FROM TUBERCULOSIS 1927 — 1967

TABLE 24

| Year | Cases<br>Notified | Attack rate<br>per 1,000 | Deaths | Death rate<br>per 1,000 |
|------|-------------------|--------------------------|--------|-------------------------|
| 1927 | 62                | 1.69                     | 29     | 0.85                    |
| 1937 | 61                | 2.04                     | 33     | 1.11                    |
| 1947 | 32                | 1.10                     | 20     | 0.68                    |
| 1957 | 16                | 0.56                     | 2      | 0.07                    |
| 1967 | 6                 | 0.21                     | 2      | 0.07                    |

### PUBLIC HEALTH ACT, 1936 S.172

NO action was taken under this Section which deals with the removal to Hospital by means of application to a Court of Summary Jurisdiction by the Local Authority, of infectious persons suffering from tuberculosis of the respiratory tract.

### PUBLIC HEALTH (Prevention of Tuberculosis) REGULATIONS

NO action was taken under these Regulations in respect of persons, suffering from Tuberculosis, employed in the milk trade.

## ADMISSIONS TO SANATORIA 1967

TABLE 25

| SANATORIUM                          | Cases<br>Admitted | Transfers<br>from other<br>Sanatoria | Cases<br>Discharged |
|-------------------------------------|-------------------|--------------------------------------|---------------------|
| South Wales Sanatorium,<br>Talgarth | 5                 | —                                    | 1                   |

## NOTIFIABLE DISEASES

### Cases admitted to Isolation Hospitals, 1967

NO notified case of infectious disease, tuberculosis excepted, was admitted to Isolation Hospital during the year.

# INFECTIOUS DISEASES

## Analysis of Total Cases Notified During 1967 — By Age

TABLE 26

| DISEASE                       | Males | Females | At all ages | Under 1 year | 1 — 2 years | 2 — 3 years | 3 — 4 years | 4 — 5 years | 5 — 10 years | 10 — 15 years | 15 — 20 years | 20 — 25 years | 25 — 35 years | 35 — 45 years | 45 — 65 years | Over 65 years | Cases removed to Hospital |
|-------------------------------|-------|---------|-------------|--------------|-------------|-------------|-------------|-------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------------------|
| Tuberculosis, Respiratory ... | 2     | 1       | 3           | —            | —           | —           | —           | —           | —            | —             | —             | —             | —             | —             | 1             | 2             | —                         |
| Tuberculosis, Other ...       | 2     | 1       | 3           | —            | —           | —           | —           | —           | —            | —             | —             | —             | 1             | —             | —             | 2             | —                         |
| Scarlet Fever ...             | 3     | 3       | 6           | —            | —           | 1           | —           | 2           | 1            | 2             | —             | —             | —             | —             | —             | —             | —                         |
| *Food Poisoning ...           | 2     | —       | 2           | —            | 1           | —           | —           | —           | —            | —             | 1             | —             | —             | —             | —             | —             | —                         |
| Measles ...                   | 74    | 66      | 140         | 13           | 17          | 16          | 22          | 28          | 43           | 1             | —             | —             | —             | —             | —             | —             | —                         |
| Whooping Cough ...            | 12    | 9       | 21          | 3            | —           | 3           | 5           | 2           | 6            | 2             | —             | —             | —             | —             | —             | —             | —                         |
| Erysipelas ...                | —     | 1       | 1           | —            | —           | —           | —           | —           | —            | —             | —             | —             | —             | —             | 1             | —             | —                         |
| Ophthalmia Neonatorum ...     | —     | 1       | 1           | 1            | —           | —           | —           | —           | —            | —             | —             | —             | —             | —             | —             | —             | —                         |
|                               | 95    | 82      | 177         | 17           | 18          | 20          | 27          | 32          | 50           | 5             | 1             | —             | 1             | —             | 2             | 4             | —                         |

\* Specimens submitted for Bacteriological examination were negative.

# INFECTIOUS DISEASES

## Ward Distribution

TABLE 27

| DISEASE                        | Wards |           |            |         |            |       |       |
|--------------------------------|-------|-----------|------------|---------|------------|-------|-------|
|                                | North | Badminton | N. Central | Central | S. Central | South | TOTAL |
| Tuberculosis, Respiratory .... | —     | 1         | —          | 1       | 1          | —     | 3     |
| Tuberculosis, Other ....       | 1     | 2         | —          | —       | —          | —     | 3     |
| Scarlet Fever ....             | 2     | 1         | 1          | 1       | 1          | —     | 6     |
| Food Poisoning ....            | —     | 2         | —          | —       | —          | —     | 2     |
| Measles ....                   | 46    | 5         | 25         | 26      | 9          | 29    | 140   |
| Whooping Cough ....            | 2     | —         | 9          | 1       | 2          | 7     | 21    |
| Erysipelas ....                | —     | 1         | —          | —       | —          | —     | 1     |
| Ophthalmia Neonatorum ....     | —     | —         | 1          | —       | —          | —     | 1     |
|                                | 51    | 12        | 36         | 29      | 13         | 36    | 177   |

## **MONMOUTHSHIRE COUNTY COUNCIL SERVICES**

At the Health Clinic, Civic Centre, the following services are provided:—

- |                          |                   |
|--------------------------|-------------------|
| (a) Ante-natal           | (h) Mental health |
| (b) Child Welfare        | (i) Mothercraft   |
| (c) Chiropody            | (j) Orthopaedic   |
| (d) Dental               | (k) Post-natal    |
| (e) Ear, nose and throat | (l) Refraction    |
| (f) Health Visitors      | (m) School health |
| (g) Home help            | (n) Speech        |

In addition the related services are run in the area:—

- |                        |                               |
|------------------------|-------------------------------|
| (1) Ambulance Services | (3) Medical appliances scheme |
| (2) Home Nursing       | (4) Midwifery                 |

## **HOSPITALS**

| Hospital                    | Services              |
|-----------------------------|-----------------------|
| Ebbw Vale Hospital          | General               |
| The Rookery                 | Maternity             |
| St. James, Tredegar         | General and Maternity |
| Nevill Hall, Abergavenny    | General               |
| Pen-y-Val, Abergavenny      | Mental Health         |
| Maindiff Court, Abergavenny | Mental Health         |
| Nantyglo & Blaina           | Ear, Nose and Throat  |
| Merthyr                     | Paediatric            |
| Allt-yr-Yn, Newport         | Infectious diseases   |

## **LABORATORY SERVICES**

THE Public Health Laboratory Service is directed by the Medical Research Council for the Ministry of Health. Samples including milk, water and ice-cream and faecal specimens are sent for bacteriological and pathological examination to the Public Health Laboratory at Clytha Square, Newport. The chemical examination of water and the estimation of atmospheric pollution from the deposit gauges are made by the Public Analyst in a private capacity.

## **NATIONAL ASSISTANCE ACT, 1948 s.47**

NO action was taken by the Council under s.47 of the above Act, which provides for the removal to suitable premises of persons who:—

- (a) are suffering from grave chronic disease, or, being aged, and physically incapacitated, are living in insanitary conditions, and
- (b) are unable to devote to themselves, and are not receiving from other persons, proper care and attention.

## **PUBLIC CLEANSING**

DURING the year public cleasing was maintained at the usual standard. In some areas collection was daily in others twice weekly. Equipment in use was four rear loading compression vehicles, one dual tip vehicle, one mechanical gully cleanser, one mechanical suction sweeper and a Chaseside Loader.

## **CONCLUSION**

THE Staff of the Public Health Department have carried out their work conscientiously, Officers and Staff of other Departments have been helpful and Council Members have shown their usual keen interest.

Mr. A. Foster, Chief Clerk in the Department carried out all the calculations in this report and Mrs. Parton the heavy work of typing.

I would like to thank all the above-mentioned for their contributions to the smooth working of this Department.

THOMAS STEPHENS,  
Medical Officer of Health.

# REPORT

## of the

### CHIEF PUBLIC HEALTH INSPECTOR/HOUSING MANAGER

#### for the year ending 31st December, 1967

---

|  |      |      |      |      |        |
|--|------|------|------|------|--------|
| Estimated population                           | .... | .... | .... | .... | 27,600 |
| Cases of infections diseases notified          | .... | .... | .... | .... | 177    |
| Number of new cases of tuberculosis            | .... | .... | .... | .... | 6      |
| Number of new houses erected during the year:— |      |      |      |      |        |
| (i) By Local Authority                         | .... | .... | .... | .... | 156    |
| (ii) By other persons                          | .... | .... | .... | .... | 15     |
| Number of houses demolished                    | .... | .... | .... | .... | 119    |

## HOUSING

DURING the year 156 units of accommodation were completed — 13, 1 bed; 91, 2 bed; 52, 3 bed. The contracts at Briery Hill, Frost Road and Rassau Phase III were all completed during the year.

There were 254 new applications received for Council accommodation.

## SLUM CLEARANCE PROGRAMME

86 families from properties included in the slum clearance programme were rehoused during 1967.

The total number of houses dealt with under slum clearance is shown below :—

|                                     |      |      |      |       |
|-------------------------------------|------|------|------|-------|
| Number of houses in clearance areas | .... | .... | .... | 240   |
| Demolition or Closing Orders        | .... | .... | .... | 587   |
| Undertakings accepted               | .... | .... | .... | 21    |
|                                     |      |      |      | <hr/> |
|                                     |      |      |      | 848   |
|                                     |      |      |      | <hr/> |



## HOUSING FINANCIAL PROVISIONS ACT, 1958

FULL advantage is taken of the above Act and during 1967 the following loans and grants were made:—

### Improvement Grants

|   |      |         |
|---|------|---------|
| (a) Number of Standard Improvement Grants | .... | 8       |
| (b) Number of other Improvement Grants    | .... | 87      |
| (c) Amount of Standard Improvement Grants | .... | £1,152  |
| (d) Amount of other Improvement Grants    | .... | £21,024 |

### Improvement Loans

|                                  |      |      |         |
|----------------------------------|------|------|---------|
| (a) Number of Improvement Loans  | .... | .... | 99      |
| (b) Amount of Improvement Grants | .... | .... | £21,367 |

I am grateful to the Treasurer and Accountant for the above figures.

Number of separate dwellings owned by the Local Authority on 31st December, 1967

|                         |      |      |        |
|-------------------------|------|------|--------|
|                         |      |      | Number |
| Pre-war dwellings       | .... | .... | 724    |
| Post-war dwellings      | .... | .... | 2,267  |
| Miscellaneous dwellings | .... | .... | 58     |
| Shops                   | .... | .... | 21     |
|                         |      |      | <hr/>  |
|                         |      |      | 3,070  |
|                         |      |      | <hr/>  |

Number of separate dwellings completed during the year

|                        |      |       |       |       |       |       |
|------------------------|------|-------|-------|-------|-------|-------|
|                        |      | 1967  | 1966  | 1965  | 1964  | 1963  |
| (i) By Local Authority | .... | 156   | 165   | 31    | 60    | 144   |
| (ii) By other persons  | .... | 15    | 20    | 33    | 24    | 26    |
|                        |      | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> |
|                        |      | 171   | 185   | 64    | 84    | 170   |
|                        |      | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> |

## I—UNFIT DWELLING HOUSES

### A. Inspection of dwelling houses during the year

|  |      |      |      |     |
|--|------|------|------|-----|
| 1. (a) Total number of dwelling houses inspected for housing defects under the Public Health or Housing Acts | .... | .... | .... | 266 |
| (b) Number of inspections made for the purpose   |      | .... | .... | 562 |

|   |     |   |      |      |      |    |
|---|-----|---|------|------|------|----|
| 2.  | (a) | Number of dwelling houses (including in sub-head 1 above) which were inspected and recorded under the housing Consolidated Regulations 1925 and 1932    | .... | .... | .... | 22 |
|   | (b) | Number of inspections made for the purpose  | .... | .... | .... | 44 |
| 3.  |     | Number of dwelling houses found to be in a state of danger or injurious to health as to be unfit for human habitation                                   | .... | .... | .... | —  |
| 4.  |     | Number of dwelling houses (exclusive to those referred to under preceding sub-head) found not to be in all respects reasonably fit for human habitation | .... | .... | .... | 32 |
| <b>B. Remedy of Defects without service of Formal Notices</b> |     |   |      |      |      |    |
|   |     | Number of dwelling houses rendered fit in respect of informal action by the Local Authority   | .... | .... | .... | 55 |

## 2—ACTION UNDER STATUTORY POWERS DURING THE YEAR

### **A. Proceedings under Sections 9 & 10 of the Housing Act, 1957**

|    |   |      |      |      |      |     |
|----|---|------|------|------|------|-----|
| 1. | Number of dwelling houses in respect of which notices were served requiring repairs | .... | .... | .... | .... | NIL |
| 2. | Number of dwelling houses which were rendered fit after service of formal notices:— |      |      |      |      |     |
|    | (i) By the Owners   | .... | .... | .... | .... | NIL |
|    | (ii) By the Local Authority in default  | .... | .... | .... | .... | NIL |

### **B. Proceedings under Sections 16 & 23 of the Housing Act, 1957**

|    |  |     |
|----|--|-----|
| 1. | Number of houses in respect of which demolition orders were made | NIL |
| 2. | Number of houses demolished in pursuance of demolition orders    | 119 |

### **C. Proceedings under Section 42 of the Housing Act, 1957**

|    |   |      |     |
|----|---|------|-----|
| 1. | Number of Clearance Orders confirmed during the year    | .... | NIL |
| 2. | Number of houses included in Clearance Orders           | .... | NIL |
| 3. | Number of Compulsory Orders confirmed                   | .... | NIL |
| 4. | Number of houses included in Compulsory Purchase Orders | .... | NIL |

### **D. Proceedings under Section 10 of the Local Government Miscellaneous Provisions Act, 1963, or under Section 18 of the Housing Act**

|    |  |      |     |
|----|--|------|-----|
| 1. | Number of Closing Orders made in respect of separate tenement of underground rooms | .... | NIL |
| 2. | Number of premises closed under the Local Government Miscellaneous Provisions Act  | .... | NIL |

|  |      |      |      |      |      |      |     |
|--|------|------|------|------|------|------|-----|
| 3. Number of Closing Orders determined where premises have been made fit | .... | .... | .... | .... | .... | .... | NIL |
|--|------|------|------|------|------|------|-----|

#### **E. Proceedings under Section 39 of the Public Health Act, 1936**

|   |      |      |      |      |     |
|---|------|------|------|------|-----|
| 1. Number of dwelling houses in respect of which notices were served requiring defects to be remedied | .... | .... | .... | .... | 3   |
| 2. Number of dwelling houses in which defects were remedied after Formal Notices:—                    |      |      |      |      |     |
| (i) By owners   |      |      |      |      |     |
| (a) Before Legal Proceedings  | .... | .... | .... | .... | 1   |
| (b) After Legal Proceedings   | .... | .... | .... | .... | NIL |
| (ii) By the Local Authority in default  | .... | .... | .... | .... | 2   |

#### **F. Proceedings under Section 45 of the Public Health Act, 1936**

|  |     |
|--|-----|
| 1. Number of dwelling houses in respect of which notices were served | NIL |
|--|-----|

#### **G. Proceedings under Section 93 of the Public Health Act, 1936**

|   |      |      |      |      |     |
|---|------|------|------|------|-----|
| 1. Number of dwelling houses in respect of which notices were served requiring defects to be remedied | .... | .... | .... | .... | 6   |
| (i) By Owners   |      |      |      |      |     |
| (a) Before legal proceedings  | .... | .... | .... | .... | 5   |
| (ii) By the Local Authority in default  | .... | .... | .... | .... | NIL |

#### **H. Proceedings under Section 24 of the Public Health Act, 1936**

|                          |      |      |      |      |     |
|--------------------------|------|------|------|------|-----|
| Number of notices served | .... | .... | .... | .... | NIL |
|--------------------------|------|------|------|------|-----|

#### **I. Proceedings under Section 268 of the Public Health Act, 1936**

|   |      |     |
|---|------|-----|
| Number of notices served in respect of moveable dwellings | .... | NIL |
|---|------|-----|

#### **J. Proceedings under the Rent Act, 1957**

|   |      |      |     |
|---|------|------|-----|
| 1. Number of applications for Certificates of Disrepair | .... | .... | NIL |
| 2. Number of undertakings received                      | .... | .... | NIL |
| 3. Number of Certificates of Disrepair issued           | .... | .... | NIL |

### **3—HOUSING ACT, 1957. PART IV OVERCROWDING**

|    |     |  |      |      |     |
|----|-----|--|------|------|-----|
| 1. | (a) | Number of dwellings overcrowded at end of the year           | .... | .... | NIL |
|    | (b) | Number of families dwelling therein                          | .... | .... | NIL |
|    | (c) | Number of persons dwelling therein                           | .... | .... | NIL |
| 2. |     | Number of new cases of overcrowding reported during the year | .... |      | NIL |

- |    |   |      |     |
|----|---|------|-----|
| 3. | Number of cases of overcrowding relieved during the year  | .... | NIL |
|    | Number of persons concerned in such cases   | .... | NIL |
| 4. | Particulars of cases in which dwelling houses have become over-crowded after the Local Authority have taken steps to abate overcrowding | .... | NIL |

### Summary of Inspections carried out during the Year under the Public Health Act, 1936

|                                       |      |      |       |
|---------------------------------------|------|------|-------|
| Sanitary accommodation, Cinemas, etc. | .... | .... | 2     |
| Drainage works                        | .... | .... | 212   |
| Public conveniences                   | .... | .... | 96    |
| Piggeries, etc.                       | .... | .... | 8     |
| Waterworks                            | .... | .... | 18    |
| Nuisances                             | .... | .... | 410   |
| Refuse disposal                       | .... | .... | 6     |
| Vermin                                | .... | .... | 12    |
| Offensive trades                      | .... | .... | 6     |
| Infectious diseases                   | .... | .... | 28    |
| Rats and Mice infestation             | .... | .... | 1,852 |
| Miscellaneous                         | .... | .... | 210   |

### ERADICATION OF VERMIN

DURING the year 11 properties were treated for the eradication of vermin. The method employed in carrying out this work was the use of D.D.T. smoke.

Satisfactory results were obtained in each case.

Dwelling houses treated:

|                |      |      |      |      |      |   |
|----------------|------|------|------|------|------|---|
| Private houses | .... | .... | .... | .... | .... | 2 |
| Council houses | .... | .... | .... | .... | .... | 9 |

### PREVENTION OF DAMAGE BY PESTS ACT, 1949

|                              |   |           |      |      |      | TYPE OF PROPERTY |              |
|------------------------------|---|-----------|------|------|------|------------------|--------------|
|                              |   |           |      |      |      | Non-             |              |
|                              |   |           |      |      |      | Agricultural     | Agricultural |
| PROPERTIES OTHER THAN SEWERS |   |           |      |      |      |                  |              |
| 1.                           | Number of properties in district  | ....      | .... | .... | .... | 8,439            | 7            |
| 2.                           | (a) Total number of properties (including nearby premises) inspected following notification       | ....      | .... | .... | .... | 237              | 3            |
|                              | (b) Number infested by (i) Rats   | ....      | .... | .... | .... | 168              | 3            |
|                              |   | (ii) Mice | .... | .... | .... | 43               | —            |
| 3.                           | (a) Total number of properties inspected for rats and/or mice for reasons other than notification | ....      | .... | .... | .... | 340              | —            |
|                              | (b) Number infested by (i) Rats   | ....      | .... | .... | .... | 208              | —            |
|                              |   | (ii) Mice | .... | .... | .... | 110              | —            |

The above table gives details of the work carried out during the 12 months,

1st January to 31st December, 1967, regarding infestation in various properties throughout the area.

The more heavily infested parts of the sewers were also treated on two occasions during the year and a total of 586 manholes were dealt with. The poison used for both sewer and surface infestations was Warfarin.

## **SLAUGHTERHOUSES ACT, 1958**

THERE are no licensed slaughterhouses in this area.

## **FOOD AND DRUGS ACT, 1955 and FOOD HYGIENE REGULATIONS, 1955**

ALL food premises and canteens in this area were visited regularly and a high standard of cleanliness was generally maintained.

Three notices were served under the above regulations; all were abated by the owners.

Sampling in the area is carried out under the Food and Drugs Act by Officers of the Monmouthshire County Council. During the year the following samples were taken:

Milk — 52; Other foods — 49; Ice-cream — 1; Total 104.

The Public Analyst certified all samples to be genuine, with the exception of the following:

1. Meat containing Fibrous Matter resembling manure — Firm fined £10.
2. Maggots of Fruit Fly in Tinned Tomatoes — Firm cautioned.
3. Smoke cod described as Scotch Haddock — Firm cautioned.

I am indebted to the Chief Inspector, Weights and Measures, for this information.

Details of inspections made during 1967 are given below.

| Premises                | No. in area | No. of visits |
|-------------------------|-------------|---------------|
| Greengrocers            | 24          | 83            |
| Bakehouses              | 1           | 4             |
| Butchers                | 26          | 104           |
| Canteens                | 10          | 120           |
| Fresh Fish Shops        | 1           | 12            |
| Fried Fish Shops        | 9           | 108           |
| Grocers                 | 68          | 252           |
| Market (Indoor)         | 1           | 50            |
| Pie and Sausage Factory | 1           | 12            |
| Restaurants, Cafes      | 10          | 120           |
| Tripe Factory           | 1           | 12            |



The number of premises registered under s.16 (1b.) of the Food and Drugs Act 1955 are 52 and a total of 205 visits were made to inspect the premises.

Premises registered under Section 16 (a) are shown under the heading Ice-cream (Heat-Treatment) Regulations, 1947.

Given below is a summary of the foodstuffs condemned during the year.

| Food condemned           | Amount |
|--------------------------|--------|
| Meat, lbs.               | 1212   |
| Meat, tins               | 125    |
| Cooked ham, lbs.         | 192    |
| Fish, lbs.               | 11     |
| Fish, tins               | 17     |
| Vegetables, tins         | 23     |
| Meat/fish pasties        | 472    |
| Tomatoes, tins           | 69     |
| Fruit, tins              | 63     |
| Milk evaporated, tins    | 9      |
| Cereals, boxes           | 17     |
| Frozen vegetables, pkts. | 192    |
| Frozen foods, lbs.       | 83     |
| Pie filling, tins        | 6      |
| Cheese, lbs.             | 3      |
| Flour, lbs.              | 78     |
| Potatoes, cwts.          | 15     |
| Potatoes, tins           | 2      |
| Butter, lbs.             | 11     |
| Lard, lbs.               | 2      |
| Chocolate, Bars          | 7      |
| Bacon, lbs.              | 24     |
| Beans, tins              | 8      |
| Rice, tins               | 2      |

All condemned foods not returned through the wholesalers are disposed of at the Local Authority's refuse tip.

## **FOOD AND DRUGS ACT, 1955**

### **ICE-CREAM (HEAT-TREATMENT) REGULATIONS, 1947**

A TOTAL of 240 visits were made to premises involved in the manufacture, storage and sale of ice-cream. A high standard of cleanliness was maintained at each of the premises visited.

The following table shows the premises registered, the number of visits made and the results of the bacteriological examination of samples of ice-cream. Premises registered for:—

|                                    |     |                  |     |
|------------------------------------|-----|------------------|-----|
| Sale, manufacture and storage .... | 9   | Visits made .... | 12  |
| Sale only ....                     | 123 | Visits made .... | 172 |

Results:—

|              |    |
|--------------|----|
| Grade 1 .... | 20 |
| Grade 2 .... | 2  |
| Grade 3 .... | —  |
| Grade 4 .... | 4  |
|              | —  |
|              | 26 |
|              | —  |

## **MILK AND DAIRIES REGULATIONS, 1949-54**

### **MILK (Special Designation) REGULATIONS, 1949-54**

#### **MILK (Special Designation) SPECIFIED AREA ORDER, 1954**

AS THIS area is a designated area under the Milk (Special Designation) Specified Area Order, 1954, only bottled, pasteurised or heat-treated milk is sold in this area.

During the year 55 samples of milk were submitted for bacteriological examination and all were found to be satisfactory.

|                                   |    |
|-----------------------------------|----|
| Number of dairies registered .... | 16 |
| Number of inspections made ....   | 48 |

## **LICENSED PREMISES**

ALL licensed premises in the district were inspected regularly and in most cases the standard of cleanliness was found to be good.

Three notices were served requiring certain defects to be remedied and in each case the work was carried out.

The number of licensed premises in the district is given below:

|                     |    |
|---------------------|----|
| Public Houses ..... | 28 |
| Licensed Club ..... | 19 |

## OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

GIVEN below is information on the work carried out by this Department, under the above Act, during 1967.

The information is taken from a report submitted to the Minister of Labour for the year ended 31st December, 1967.

| CLASS OF PREMISES  | Number premises registered during year | Total No. registered premises at end of year | Number registered premises receiving general inspection during year | Number persons employed |
|--|--|--|---|-------------------------|
| Offices ... ..   | 4                                      | 67   | 67  | 368                     |
| Retail shops ...   | 21                                     | 209  | 209   | 787                     |
| Wholesale shops, Warehouses ...                              | —                                      | 1  | 1   | 26                      |
| Catering establishments open to the public, canteens. ... .. | 3                                      | 39   | 39  | 155                     |
| Fuel storage depots ...                                      | —                                      | 1  | 1   | 3                       |
| <b>TOTALS</b>  | <b>28</b>                              | <b>317</b>                                   | <b>317</b>  | <b>1345</b>             |

Total number of visits of all kinds by inspectors to registered premises .... 1,700.

Total number of persons employed ..... 1,345.      470 males, 875 females.

## FACTORIES ACT, 1961

ALL factories in the area were inspected regularly and in most cases conditions were found to be satisfactory. On occasions where it was found necessary to ask for improvements the work was immediately carried out.

Details of work carried out are shown in the following tables.

## FACTORIES ACT, 1961

### Prescribed particulars on the administration of the Factories Act, 1961

#### 1. INSPECTIONS for the purpose of provisions as to health.

| Premises   | Number<br>on<br>register<br>(a) | Inspections<br>(b) | No. of<br>Written<br>Notices<br>(c) | Occupiers<br>Prosecuted<br>(d) |
|--|---------------------------------|--------------------|-------------------------------------|--------------------------------|
| (i) Factories in which<br>Sections 1, 2, 3, 4,<br>6 are enforced by<br>Local Authorities ...                           | 3                               | 12                 | —                                   | —                              |
| (ii) Factories not includ-<br>ed in (i) in which s.7<br>is enforced by the<br>Local Authority ...                      | 48                              | 96                 | —                                   | —                              |
| (iii) Other premises in<br>which s.7 is enforced<br>by the Local<br>Authority (exclud-<br>ing outworkers'<br>premises) | —                               | —                  | —                                   | —                              |
| TOTAL  | 51                              | 107                | —                                   | —                              |

## 2.—CASES IN WHICH DEFECTS WERE FOUND

| PARTICULARS  | Number of cases in which defects were found. |          | Referred:         |                   | Number of cases in which prosecutions were instituted |
|--|--|----------|-------------------|-------------------|---|
|  | Found  | Remedied | To H.M. Inspector | By H.M. Inspector |   |
| Want of cleanliness (s.1) ....   | —  | —        | —                 | —                 | —   |
| Overcrowding (s.2) ....  | —  | —        | —                 | —                 | —   |
| Unreasonable temperature (s.2)   | —  | —        | —                 | —                 | —   |
| Inadequate ventilation (s.4) ....  | —  | —        | —                 | —                 | —   |
| Ineffective drainage of floors (s.6) ....  | —  | —        | —                 | —                 | —   |
| Sanitary conveniences (s.7)  |  |          |                   |                   |   |
| (a) Insufficient ....  |  |          |                   |                   |   |
| (b) Unsuitable or defective  |  |          |                   |                   |   |
| (c) Not separate for sexes   | —  | —        | —                 | —                 | —   |
| Other offences against the Act (not including offences relating to outwork) .... | —  | —        | —                 | —                 | —   |

## PART VIII of the ACT — OUTWORK

### (Sections 110 and 111)

THERE is only one registered outworker in this district.

## CARAVAN SITES

THERE are two licensed caravan sites in the area; a private site licensed for five caravans and the other belonging to the Local Authority. This site contains hard stands for ten caravans, each caravan having a separate water point and drainage. A block of ten water closets and one bath-house has also been erected for their use.

## BRONCHITIS SURVEY

FOUR volumetric instruments sited in the area by the Welsh National School of Medicine. Daily readings are taken from these instruments by the Health Inspectors and submitted to the Warren Springs Laboratory for analysis.

## ATMOSPHERIC POLLUTION

IN a densely populated industrial area such as Ebbw Vale, air pollution is perforce a major problem. Much has been done to alleviate this in recent years and the installation of precipitators etc. have led to a reduction in air pollution figures, but further problems will have to be solved before pollution reaches a satisfactory level.

I give below the monthly atmospheric pollution results for 1967.

| Gauge No. .... |      |      | Monthly Deposit—tons per sq. mile—Undissolved matter |                                    |                            |                         |                             |
|----------------|------|------|--|------------------------------------|----------------------------|-------------------------|-----------------------------|
|                |      |      | D.2449   | D.5445                             | D.4322                     | D.5105                  | D.5402                      |
| Sited at ....  |      |      | Upper Carno Reservoir                                | Co-op Stores Bethcar St. Ebbw Vale | Apprentice School Victoria | Pit-head baths Waunlwyd | Co-op Stores Canning St Cwm |
| JANUARY        | .... | .... | 6.47   | 45.68                              | 40.14                      | 20.60                   | 11.46                       |
| FEBRUARY       | .... | .... | 3.54   | 24.64                              | 48.73                      | 25.32                   | 47.02                       |
| MARCH          | .... | .... | 1.30   | 8.26                               | 23.15                      | 9.50                    | 8.01                        |
| APRIL          | .... | .... | 1.07   | 14.48                              | 70.89                      | 3.23                    | 12.08                       |
| MAY            | .... | .... | 3.44   | 31.78                              | 62.88                      | 33.05                   | 31.72                       |
| JUNE           | .... | .... | 1.77   | 8.87                               | 26.83                      | 9.61                    | 3.66                        |
| JULY           | .... | .... | 3.30   | 15.98                              | 38.15                      | 21.05                   | 9.82                        |
| AUGUST         | .... | .... | 1.80   | 10.54                              | 23.52                      | 12.45                   | 4.59                        |
| SEPTEMBER      | .... | .... | 1.60   | 15.19                              | 19.77                      | 11.31                   | 7.49                        |
| OCTOBER        | .... | .... | 2.60   | 18.15                              | 17.13                      | 4.05                    | 5.47                        |
| NOVEMBER       | .... | .... | 3.64   | 11.96                              | 30.78                      | 7.91                    | 8.46                        |
| DECEMBER       | .... | .... | 1.26   | 8.08                               | 21.72                      | 7.87                    | 6.67                        |



# Estimation of Sulphur by the Lead Peroxide Method

## SUMMARY OF RESULTS, 1967

| Amount collected by<br>100 sq.cms. of Lead Peroxide (m.gms.) |         |          |           |         |          |          |
|--|---------|----------|-----------|---------|----------|----------|
| Site of<br>Apparatus:  | January | February | March     | April   | May      | June     |
|  | 1.37    | 0.86     | 0.57      | 0.72    | 1.40     | 1.13     |
| <b>PARK ROAD<br/>GARDEN CITY<br/>EBBW VALE</b>               | July    | August   | September | October | November | December |
|  | 0.95    | 0.81     | 0.94      | 1.46    | 0.67     | 0.24     |

### RAINFALL

| Month     |      |      |      | Inches | No. of<br>days |
|-----------|------|------|------|--------|----------------|
| JANUARY   | .... | .... | .... | 6.07   | 18             |
| FEBRUARY  | .... | .... | .... | 9.01   | 17             |
| MARCH     | .... | .... | .... | 3.66   | 19             |
| APRIL     | .... | .... | .... | 2.07   | 10             |
| MAY       | .... | .... | .... | 9.99   | 27             |
| JUNE      | .... | .... | .... | 1.61   | 7              |
| JULY      | .... | .... | .... | 3.92   | 16             |
| AUGUST    | .... | .... | .... | 4.41   | 17             |
| SEPTEMBER | .... | .... | .... | 7.39   | 22             |
| OCTOBER   | .... | .... | .... | 15.13  | 29             |
| NOVEMBER  | .... | .... | .... | 3.37   | 19             |
| DECEMBER  | .... | .... | .... | 5.84   | 22             |
|           |      |      |      | 72.47  | 223            |

## WATER SUPPLY

THE water supply for the area is derived from two reservoirs, Upper and Lower Carno, on the Llangynidr Moors, and these are supplemented by two electrical pumping stations on the Claisfer Stream in an adjoining valley. Both reservoirs are equipped with a set of roughing filters together with a number of open filter beds. After passing through these filters the water is chlorinated.

The water is conveyed to the town and to the Blaina Urban District by means of cast iron gravitated mains. The supply is, on the whole, adequate and satisfactory but shortages do occur during periods of excessive drought. Restrictions on supply then have to be imposed.

Routine tests of the water are carried out by the waterworks personnel and the staff of the Surveyor's Department. These include daily chlorine tests and monthly pH and silica tests. Details of all samples taken by the Health Department and submitted for bacteriological examination by the Public Health Laboratory are given below. The results are found to be very satisfactory. A total of 74 samples were submitted by this Department during the year.

## WATER SAMPLES

|                                  | RESERVOIRS        |                     | SPRINGS, &c.      |                     | TOTAL |
|----------------------------------|-------------------|---------------------|-------------------|---------------------|-------|
|                                  | Satis-<br>factory | Unsatis-<br>factory | Satis-<br>factory | Unsatis-<br>factory |       |
| Bacteriological examination of : |                   |                     |                   |                     |       |
| (i) Raw water                    | 7                 | 23                  | 4                 | 3                   | 37    |
| (ii) Treated water               | 47                | 8                   | —                 | —                   | 55    |
| Chemical examination of :        |                   |                     |                   |                     |       |
| (i) Raw water                    | 4                 | —                   | —                 | —                   | 4     |
| (ii) Treated water               | 4                 | —                   | —                 | —                   | 4     |
|                                  | 62                | 31                  | 4                 | 3                   | 100   |

## RESERVOIRS — CAPACITY

|  | Upper Carno               | Lower Carno |
|--|---------------------------|-------------|
| Maximum capacity, gallons .....                | 68,000,000                | 176,000,000 |
| Average storage capacity, held .....           | 59,000,000                | 160,000,000 |
| Claisfer — Maximum output of pumping station:— | 1,500,000 gallons per day |             |

## **SWIMMING BATHS**

THE indoor swimming baths continued to be well used throughout the year by the general public and Education Authorities. The total attendance figure for 1967 was 169,439.

The bath measures 110 feet x 42 feet with a varying depth from 3 feet to 12 feet 6 inches. There are 47 changing cubicles for men and 25 for women with a total capacity of 800 baskets.

The bath is fitted with two horizontal high pressure filters and a chlorination plant. Space and water heating is carried out by oil fired boilers.

During the year 23 samples of water were taken from the pool for bacteriological examination and all were found to be satisfactory.

## **DRAINAGE AND SEWERAGE**

THE properties in the area that are still not connected to the sewer system are so far from the system that conversion is quite impracticable.

The area is served by the Western Valley trunk sewer draining to the river Ebbw. This system has proved satisfactory.

## **CONCLUSION**

I WOULD like to express my satisfaction and appreciation for the manner in which the Staff of this Department have carried out their duties during the past twelve months.

A. STOKES,

Chief Public Health Inspector.



